

TABLE 5. A comparison of mt DNA/mt, virtual mt number/cell, mt DNA/cell, Cyaa₃/mt, and Cyaa₃/cell in five cell types from four mammalian species¹

Cell type	mt DNA (mt DNA molecules/mt) ²	Virtual mt/cell (number)	mt DNA/cell (mt DNA molecules/cell)	Cyaa ₃ /mt (units)	Cyaa ₃ /cell (units)
Rabbit lung macrophages	2.5 ± 0.28	688 ± 75	1720 ± 162	1.6 ± 0.5 × 10 ⁻¹¹	11.0 ± 4.5 × 10 ⁻⁹
Rabbit peritoneal macrophages	2.5 ± 0.40	88 ± 12	220 ± 6.2	1.4 ± 0.24 × 10 ⁻¹¹	1.2 ± 0.32 × 10 ⁻⁹
Mouse LA9 fibroblasts	2.7 ± 0.15	265 ± 40	715 ± 20	2.6 ± 0.45 × 10 ⁻¹¹	7.5 ± 2.5 × 10 ⁻⁹
Human lung fibroblasts	2.6 ± 0.35	308 ± 47	800 ± 24	1.4 ± 0.29 × 10 ⁻¹¹	4.5 ± 1.2 × 10 ⁻⁹
Rat L-8 skeletal muscle cells	2.6 ± 0.40	140 ± 22	364 ± 11	8.3 ± 5.0 × 10 ⁻¹¹	11.3 ± 6.3 × 10 ⁻⁹

¹n = 7 for all studies. All values ± standard error of the mean.

²No significant difference in the values between all cell types.